

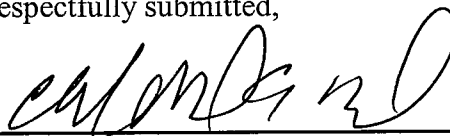
REMARKS

The specification has been amended to add a sequence identifier to Figure 1. No new matter has been added.

The communication date October 17, 2007 noted that the sequence set forth in Figure 1 lacked a sequence identifier. Applicant herewith submits a replacement Figure 1. Since the sequence was previously disclosed in the Sequence Listing as filed 2/20/2007, applicant submits that no new computer readable form (CRF) of the sequence listing or paper copy is required.

It is believed that no additional fee is due with this response. However, if an additional fee is due, the Commissioner is hereby authorized to charge the Deposit Account 50-0252 referencing case number ISIS-5027.

Respectfully submitted,



Clifford Ford

Registration No. **52,903**

Date: 11/16/07

ISIS Pharmaceuticals, Inc.
1896 Rutherford Rd.
Carlsbad, CA 92008
Telephone: (760) 603-2777
Facsimile: (760) 603-3820